



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 2063

SERIAL NUMBER 10713,717	FILING DATE 11/14/2003  RULE	CLASS 331	GROUP ART UNIT 2816	ATTORNEY DOCKET NO. 030772
----------------------------	---------------------------------------	--------------	------------------------	-------------------------------

## APPLICANTS

Anthony David Williams, Aptos, CA;

\*\* CONTINUING DATA *None*\*\* FOREIGN APPLICATIONS *None*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
 \*\* 02/17/2004

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance Examiner's Signature _____ Initials _____	STATE OR COUNTRY CA	SHEETS DRAWING 6	TOTAL CLAIMS 19	INDEPENDENT CLAIMS 3
--	--	------------------------	---------------------	--------------------	-------------------------

## ADDRESS

26285  
 KIRKPATRICK & LOCKHART NICHOLSON GRAHAM LLP  
 535 SMITHFIELD STREET  
 PITTSBURGH, PA  
 15222

## TITLE

Frequency synthesizer having PLL with an analog phase detector

FILING FEE RECEIVED 770	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
----------------------------	---	---